

Technical Branch
Miscellaneous Technical Group
Laboratory Series

LABORATORY TECHNICIAN II

02/00 (LBT)

Summary :

Under general supervision, perform bacteriological and chemical analysis of water and/or sewage.

Typical Duties

Conduct any required laboratory tests of samples drawn from various stages of processing at an assigned treatment plant. Involves: setting up laboratory apparatus and preparing solutions for tests according to established laboratory procedures; maintaining records of test results; keeping abreast of new chemical developments, techniques and procedures; reporting abnormal results to immediate supervisor; investigating customer complaints regarding water quality by collecting samples from customer's property; addresses customer complaints or refers to higher authority; participating in training sample collection personnel.

Perform related incidental duties contributing to realization of laboratory objectives as required. Includes: substituting for supervisors, or coworkers as qualified and within authorized limits by carrying out specified functions to maintain continuity of ordinary operations, if delegated; providing specified support for miscellaneous projects or activities overseen by higher graded personnel as instructed; explaining and demonstrating work performed to assist supervisor in orienting and training less knowledgeable employees; engaging in assignments pertaining to functions of other positions for training purposes under general supervision; logging activities, and preparing and submitting recurring or special status reports; keeping tools, equipment and work area orderly safe and clean.

MINIMUM QUALIFICATIONS:

Training and Experience: Two (2) years college course work in Bacteriology, Chemistry or Microbiology plus three (3) years chemical and bacteriological water laboratory analysis experience or Bachelor's degree in Bacteriology, Chemistry, Microbiology or related field; or an equivalent combination of training and experience.

Knowledge, Abilities and Skills: Good knowledge of water analysis laboratory equipment and procedures. Some knowledge of: statistics; computer application for documenting tests results; safe working practices and procedures.

Ability to: prepare reagents, solutions and culture media; follow and understand oral and written instructions; perform detailed laboratory functions and procedures; establish and maintain effective working relationships with fellow employees and the general public; maintain records and prepare reports.

Skill in the safe operation and care of: laboratory equipment and chemicals; personal computers or network workstation and generic business productivity software, including graphics.

Physical Requirements: Frequent exposure to chemical hazard in laboratories.

Licenses and Certificates: Texas Class "C" Driver's License or equivalent issued by another state.

Director of Personnel

Department Head